

49er
Communications



Get the Best
Value for a
High-Performance
Portable **TODAY.**
Upgrade to Digital
TOMORROW.

GPH
FLEX•MODE™

- Common Accessories
- 12.5/15 kHz and 25/30 kHz channel spacing
- 240 Channels



GPH

FLEX•MODE™



Proven analog radio – ready for digital migration, only from BK Radio.

General Specifications:

Dual Priority Scan	INCLUDED
TalkBack Scan	INCLUDED
Tone Code Guard (CTCSS)	INCLUDED
Digital Code Guard (CDCSS)	INCLUDED
DTMF Encode	INCLUDED
DTMF ANI	INCLUDED
Transmit Time Out Timer	INCLUDED
Nuisance Channel Delete	INCLUDED
TalkBack Scan	INCLUDED
Soft Switch Programming	INCLUDED
Custom Channel Selector Programming	INCLUDED
Operating Voltage	10 V. NOM.
Operating Temperature	-30 to 60 °C
Standby Current Drain	15 mA
Stability	+/- 3.0 PPM
Channel Increments	2.5/6.25 kHz
Operating Frequency Spread	26 MHz
Size - W x D x H	Standard Battery 2.55 x 1.5 x 6.6 in. Large Battery 2.55 x 1.5 x 7.8 in.
Weight (oz.)	Standard Battery 20 Large Battery 24
Antenna	Helical Wound, Molded Rubber Flex

BK Radio Flex•Mode™ GPH portable radios offer unmatched reliability and long-lasting performance

Digital Upgrades

GPH portable radios from BK Radio may be upgraded to P25 compliance. Call us about our aggressive TRADE-IN PROGRAM for qualifying radios.

Compatible

Able to operate in Narrow or Wideband by channel.

Cloneable

GPH models can clone to and from each other as well as other BKradio models including DPH, EPH and LPH.

Accepts Existing Accessories

GPH radios use the same accessories available for all BK Radios thereby preserving your portable radio investments. Common accessories include batteries, carrying cases, antennas, speaker microphones, "AA" battery packs, and cloning cables.

Mil-std-810 Standards:

	D		E	
	Mthd.	Proc.	Mthd.	Proc.
Low Pressure	500.2	1	500.3	1
High Temp.	501.2	1&2	501.3	1&2
Low Temp.	502.2	1&2	502.3	1&2
Temp. Shock	503.2	1	503.3	1
Solar Radiation	505.2	1	505.3	1
Humidity	507.2	2	507.3	2
Dust	510.2	1	510.3	1
Vibration	514.3	1	514.4	1
Shock	516.3	1&4	516.4	1&4

Metal Case models also include:

Rain	506.2	2	506.3	2
Salt, Fog	509.2	1	509.3	1

Unit meets U.S. Forest Service vibration and EIA RS-316B vibration and shock specifications.

Receiver:

	25/30	12.5/15
Sensitivity: 12 dB Sinad	.25 uV	.25 uV
Selectivity	72 dB	60 dB
Spurious including Image	75 dB	75 dB
Intermodulation	70 dB	70 dB
Audio Output @ 5% dist.:	500 mW	500 mW
Audio Response	+1/-3 dB	+1/-3 dB

Transmitter:

	25/30	12.5/15
RF Output - GPH51 (Hi/Lo)	5/2 W	5/2 W
Spurious and Harmonics	60 dB	60 dB
Hum and Noise	50 dB	45 dB
Audio Distortion	3%	3%
Audio Response	+1/-3 dB	+1/-3 dB
Modulation	16K0F3E	11K0F3E

Current RELM Federal Contracts

FEDERAL	GSA
BLM-DOI NBC 030003	FEDERAL TECHNOLOGY SERVICES GS06T03BND7002
USFS 54-3187-3-328	INFORMATION TECHNOLOGY SCHEDULE GS35F-0133L

FCC Type Acceptance K95GPH51. Specifications subject to change without notice. Measurements made in accordance with applicable TIA standards. CODE GUARD is a trademark of BK Radio, Inc. © 2003 BK Radio 7003-30962-402 Rev 09-03

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